Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

1. (Currently Amended) A sheath-core composite conductive fiber comprising a sheath component made of a fiber-forming polymer containing conductive carbon black, characterized in that a core component and ~~a~~the sheath component satisfies the following relationship:

$$r/R \leq 0.03 \quad \ldots ①$$

where R represents a radius of an inscribed circle of the sheath component and r represents ~~a~~the distance between the centers of two inscribed circles of the core and sheath components in a cross section of the fiber.

2. (Original) The sheath-core composite conductive fiber according to claim 1, wherein the carbon black content of the sheath component is within a range from 10 to 50% by weight.

3. (Original) The sheath-core composite conductive fiber according to claim 1, wherein a core-sheath ratio is within a range from 20:1 to 1:2 in terms of an area ratio of the core component to the sheath component.

4. (Currently Amended) ~~A~~The sheath-core composite conductive fiber ~~comprising: a~~according to Claim 1, wherein the core component is made of a polyester containing ethylene terephthalate as a main component, and ~~a~~the sheath component is made of a mixture of a copolyester wherein ethylene terephthalate accounts for 10 to 90 mol% of constituent units thereof and carbon black.

5. (Currently Amended) The sheath-core composite conductive fiber according to claim 4, wherein the sheath component ~~is~~comprises a polyester prepared by copolymerizing a copolymerization component selected from the group consisting of isophthalic acid, orthophthalic acid and naphthalenedicarboxylic acid.

6. (Original) The sheath-core composite conductive fiber according to claim 4, wherein a copolymerization ratio of the copolymerization component of the sheath component is within a range from 10 to 50 mol%.

7. (Original) The sheath-core composite conductive fiber according to claim 4, wherein the carbon black content of the sheath component is within a range from 10 to 50% by weight.

8. (Original) The sheath-core composite conductive fiber according to claim 4, wherein a core-sheath ratio is within a range from 20:1 to 1:2 in terms of an area ratio of the core component to the sheath component.

Amendments to the Drawings

Attached is a replacement drawing sheet for amended Figure 1.